DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS

Daniel T. Adams
REGISTERED CIVIL ENGINEER

May 1, 2006
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
Daniel T. Adams
No. C46476
Exp. 06-30-07
CIVIL
STATE OF CALIFORNIA

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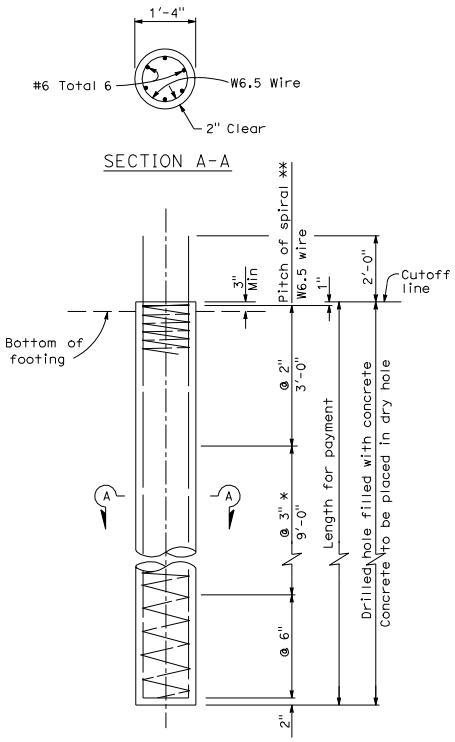
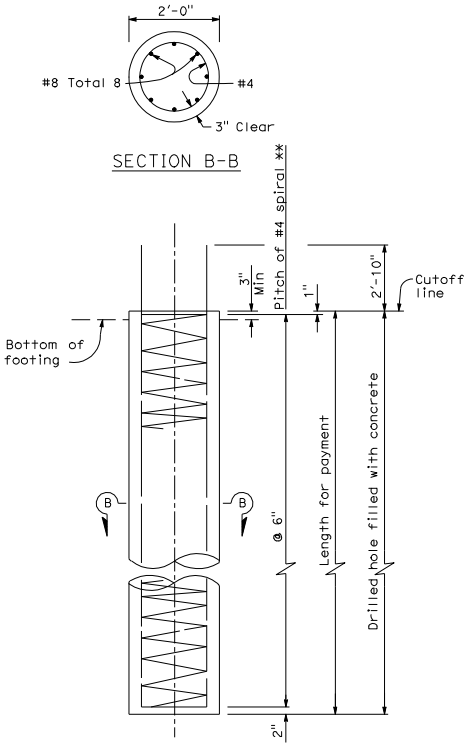


ELEVATION
90 kip AND 140 kip
DESIGN CAPACITY



ELEVATION
200 kip
DESIGN CAPACITY

* @ 2" at option of contractor

** Extend at 2" pitch to top of anchor piles and load test piles. For longitudinal reinforcement for anchor piles and load test piles, see "Load Test Pile Details (2)", Standard Plan B2-10.

NOTES:

1. Reinforcement extending into footing shall be hooked as required to provide clearance to top of footing.
2. Lapped splices in spiral pile reinforcement shall be lapped at least 80 wire/bar diameters. Spiral pile reinforcement at splices and at ends shall be terminated with a 135° hook with a 6" tail hooked around a longitudinal bar.
3. Piles shall be extended only in accordance with details shown in the Project Plans.

DESIGN NOTES:

REINFORCED CONCRETE

fy = 60,000 psi

f'_c = 4,000 psi

DESIGN CAPACITY

90 kip and 140 kip PILE

COMPRESSION:

140 kip (Service state)
280 kip (Nominal axial strength)

TENSION:

56 kip (Service state)
140 kip (Nominal axial strength)

200 kip PILE

COMPRESSION:

200 kip (Service state)
400 kip (Nominal axial strength)

TENSION:

80 kip (Service state)
200 kip (Nominal axial strength)

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

16" AND 24" CAST-IN-DRILLED-HOLE CONCRETE PILE

NO SCALE

B2-3

2-8-06